

WHAT IS CLAIMED IS:

1. A gas turbine engine, comprising:
a compressor section;
a combustion section downstream of the compressor section;
a turbine section downstream of the combustion section;
a casing surrounding the compressor sector, combustion section and turbine section;
an electronic controller mounted to the casing, the electronic control box controlling and monitoring operation of the engine and having a microserver.
2. The engine of claim 1, wherein the microserver resides on a card.
3. The gas turbine engine of claim 2, wherein the microserver card hosts a web page, wherein the webpage has an IP address available for a plurality of Internet protocols.
4. The gas turbine engine of claim 2, wherein the microserver card generates a wireless system surrounding the engine and adapted to connect to the Internet.
5. The gas turbine engine of claim 2, wherein the microserver card is communicably coupled to other cards within the electronic control box.
6. The gas turbine engine of claim 1, wherein the microserver is communicably coupled to sensors installed on the engine.
7. The gas turbine engine of claim 6, wherein the microserver is hard-wired to the sensors.
8. The gas turbine engine of claim 6, wherein the microserver communicates with the sensors wirelessly.

9. The gas turbine engine of claim 8, wherein the microserver communicates by way of radio frequency identification tags.

10. The gas turbine engine of claim 4, wherein the microserver card connects to the Internet by way of a local area network.

11. The gas turbine engine of claim 4, wherein the microserver card connects to the Internet by way of cellular network.

12. The gas turbine engine of claim 4, wherein the microserver card connects to the Internet by way of satellite.

13. A system for communicating with a deployed product, comprising:
an electronic controller mounted to the deployed product;
a microserver card mounted in the electronic controller, the microserver receiving data about the deployed product and hosting a web page through which the received data is accessible, the web page having an IP address available for a plurality of Internet protocols;
and
a computing device remote from the deployed product, the computing device adapted to wirelessly access the microserver web page.
14. The system of claim 13, wherein the deployed product is an aircraft engine.
15. The system of claim 13, wherein the microserver card is communicably coupled to other cards in the electronic control box.
16. The system of claim 13, wherein the microserver card is communicably coupled to sensors installed on the deployed product.
17. The system of claim 16, wherein the microserver card wirelessly communicates with the sensors.
18. The system of claim 13, wherein the computing device accesses the microserver web page by way of a local network.
19. The system of claim 13, wherein the computing device accesses the microserver web page by way of a cellular network.
20. The system of claim 13, wherein the computing device accesses the microserver web page by way of satellite.

21. The system of claim 13, wherein the computing device is selected from the group of computing devices consisting of personal computers, personal digital assistants, cellular phones, laptop computers, wireless PC tablets and computer networks.
22. The system of claim 13, wherein the deployed product is an aircraft.
23. The system of claim 22, wherein the microserver is a server for all computing devices on board the aircraft and a client to the Internet.
24. The system of claim 13, wherein the microserver card performs as a client to the Internet.
25. The system of claim 13, wherein the microserver card performs as a server to the computing device remote from the deployed product.
26. The system of claim 13, wherein the microserver card generates a local wireless intranet in and around the deployed product, the local wireless intranet adapted to operate in conjunction with the Internet, the local wireless intranet also being adapted to operate independently of the Internet.
27. The system of claim 13, wherein the microserver card acts as a coordinating server in communication with other computing devices, servers, and systems onboard the deployed product.
28. The system of claim 13, wherein the microserver card hosts software tools for data analysis.
29. The system of claim 28, wherein the software tools for data analysis are accessible from the computing device remote from the deployed product.

30. The system of claim 13, wherein the microserver card hosts technical publications about the deployed product.

31. The system of claim 30, wherein the technical publications are accessible from the computing device remote from the deployed product.

32. A deployed product, comprising:
a housing;
an electronic controller mounted to the housing; and
a microserver card mounted in the electronic control box, the microserver hosting a web page and generating a wireless system around the deployed product, the web page having an IP address available for a plurality of Internet protocols.

33. The deployed product of claim 32, wherein the housing is an aircraft engine and the electronic control box is an engine controller.

34. The deployed product of claim 32, further including a plurality of sensors operatively associated with the deployed product, the microserver receiving signals from the sensors.

35. The deployed product of claim 34, wherein the microserver receives the signals from other cards within the electronic control box.

36. The deployed product of claim 34, wherein the microserver received the signals wirelessly from the servers.

37. A method of communicating with a deployed product, comprising:
installing a microserver card into an electronic controller of a deployed product;
hosting a web page on the microserver card, the web page having an IP address
available for a plurality of Internet protocols; and
accessing the web page wirelessly over the Internet.
38. The method of claim 37, wherein the microserver card is installed in an
electronic control box of an aircraft engine.
39. The method of claim 37, wherein the deployed product is an aircraft.
40. The method of claim 39, wherein the web page serves as a portal through
which passengers onboard the aircraft can access the Internet and computing devices remote
from the aircraft can communicate with the aircraft.
41. The method of claim 37, wherein the web page is accessed using a computing
device selected from the group of computing devices consisting of desktop computers,
personal digital assistants, cellular phones, laptop computers, and wireless PC tablets.
42. The method of claim 37, wherein the web page is accessed over a local area
network.
43. The method of claim 37, wherein the web page is accessed over a cellular
network.
44. The method of claim 37, wherein the web page is accessed by way of satellite.
45. The method of claim 37, further including communicating signals from
sensors installed on the deployed product to the microserver card.

46. An electronic controller for an engine, comprising:
means for controlling the engine; and
a microserver for generating a wireless system adapted to connect to the Internet.
47. The electronic controller of claim 46, wherein the engine is a gas turbine engine.